

Please add new claims 49-57 as follows:

49. A composition comprising a glycoprotein matrix bound to coenzyme Q10, wherein the composition is obtained by a process comprising fermenting yeast, bacteria, or both, in the presence of coenzyme Q10, wherein said yeast, bacteria or both, are suitable for consumption by mammals and produce the glycoprotein matrix, and whereby the glycoprotein matrix binds to the ubiquinone.

50. A composition as described in Claim 49, wherein said coenzyme Q10 is present in an amount between about 5% and 15% by weight of said composition.

51. A composition as described in Claim 49, wherein the ratio of said glycoprotein matrix to said coenzyme Q10 is between about 1:1 to about 10:1.

52. A composition as described in Claim 49, further comprising a bioflavonoid.

53. A composition as described in Claim 53, wherein said bioflavonoid is hesperidin.

54. A composition as described in Claim 49, wherein said yeast include *Saccharomyces cerevisiae*.

55. A composition as described in Claim 49, wherein said bacteria comprises
bacteria within genus *Lactobacillus*.

56. A composition as described in Claim 49, wherein said bacteria includes
B1 *Lactobacillus acidophilus* or *Bacterium bifidus*, or both.

57. A nutritional supplement comprising coenzyme Q10 bound by a
glycoprotein matrix according to claim 49.
